

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masaru MITSUI et al.

Application No.: 09/509,472

Filed: April 21, 2000

For: PHOTOMASK BLANK, PHOTOMASK, METHODS OF MANUFACTURING THE  
SAME AND METHOD OF FORMING MICROPATTERN

Group Art Unit: 1752

Examiner: Y. Clarke

Docket No.: 105875

SUPPLEMENTAL AMENDMENTDirector of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Supplemental to the amendment filed on January 22, 2002, please further amend the  
above-identified application as follows:

IN THE CLAIMS:

Please replace claims 6, 10 and 13 as follows:

C1  
6. (Thrice Amended) The photomask blank according to Claim 4, wherein the  
carbon content is 0 to 25 atomic% and the oxygen content is 0 to 70 atomic%.

C2  
10. (Thrice Amended) The photomask blank according to Claim 9, wherein the  
thin film has an oxygen content that continuously decreases and a carbon content that  
continuously increases from the thin film surface side to the transparent substrate side,  
nitrogen is contained in the nitride film in a relatively greater amount than the amount of  
nitrogen contained in the thin film, and the amount of the metal decreases as the amount of  
nitrogen in the nitride film increases.

*3/4/02  
Official  
[Signature]*

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### FACSIMILE TRANSMISSION COVER SHEET

March 4, 2002

To: Examiner Yvette Clarke  
U.S. PATENT AND TRADEMARK OFFICE  
Group Art Unit 1752

APPLICATION NO. 09/509,472

1-703-872-9493

From: David M. Lafkas

Your Ref.: Application No. 09/509,472

Our Ref.: 105875

Number of Pages Sent (Including cover sheet): 4

Prepared By: DML

#### Comments:

Examiner Clarke:

Further to our March 4, 2002 telephone conversation, attached is a Supplemental Amendment for the above-identified application.

If you have any questions or comments regarding the Supplemental Amendment, please do not hesitate to contact me at your convenience at 314-621-8383.

*[Signature]*

David M. Lafkas  
Registration No. 50,424

Sent by: FXH D    M   

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